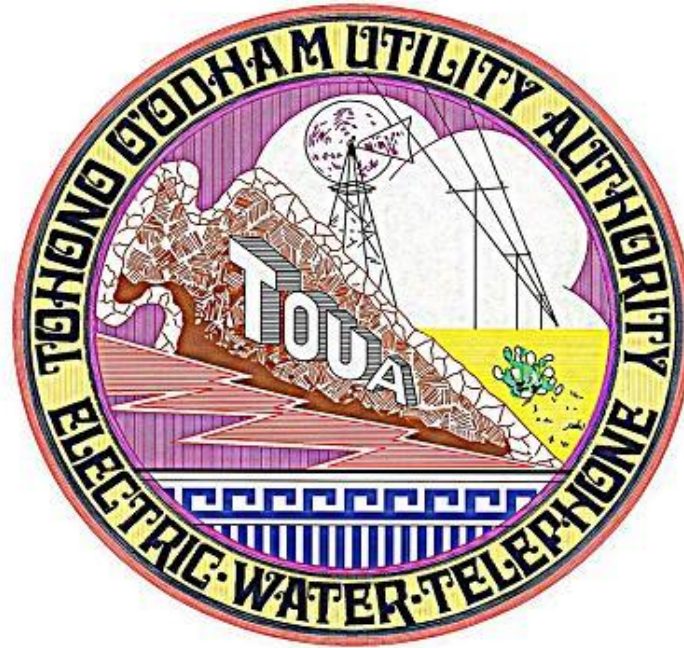


# Kaka

## PWSID No. 0400037



Sanitary Survey  
March 22, 2016

**Chlorination Unit  
for Well 1 (TP001)**

**Well 1 (GW001)**

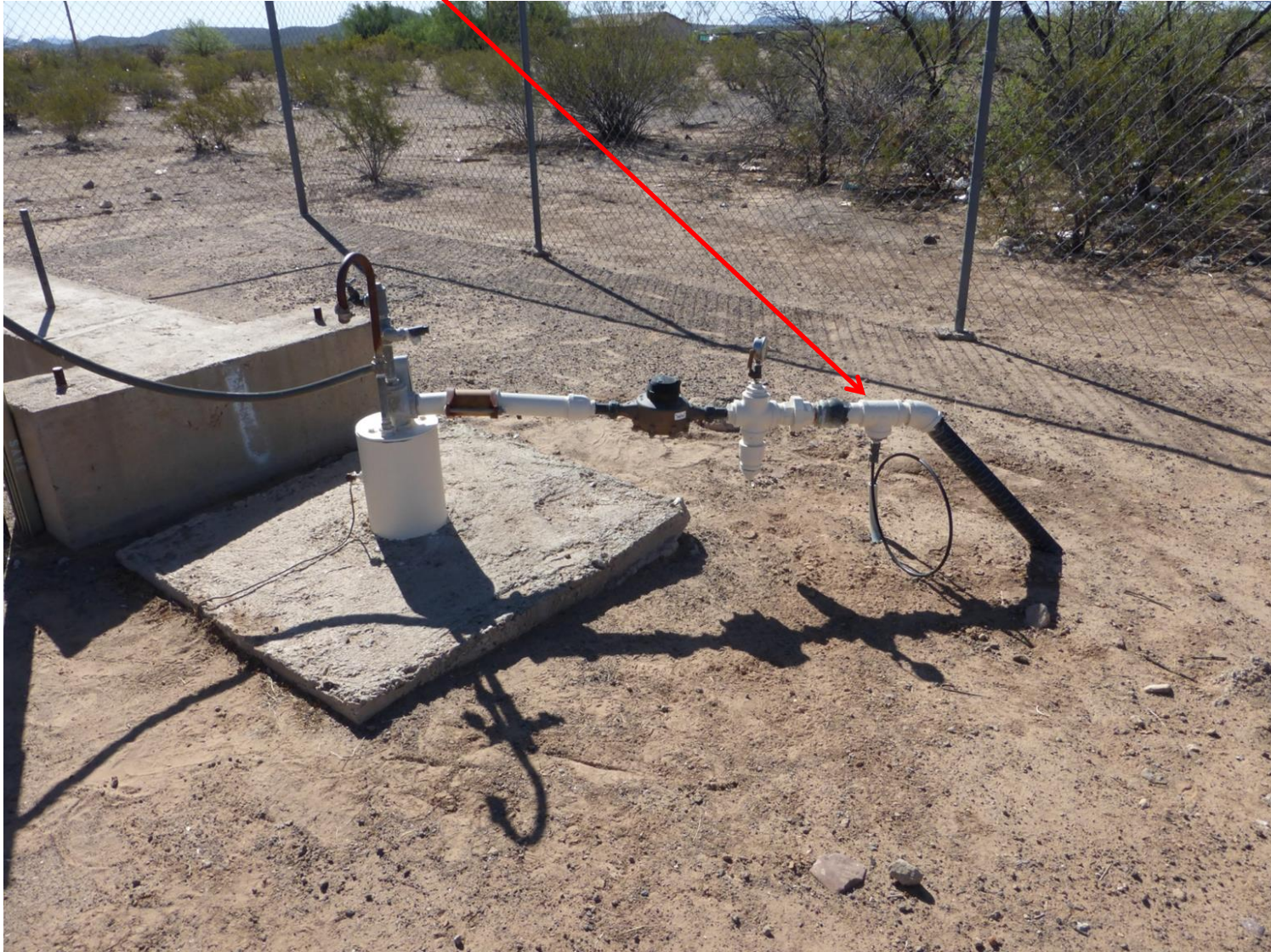


**The well was drilled and cased to a depth of 700 feet in 1977. The static water level is 635 feet. The well is equipped with a 10-hp pump that produces approximately 30 gpm.**



There is no sample tap following the point of chlorine injection.

**Well 1 (GW001)**



The well cap consists of a gasketed sanitary seal well cap that is properly vented. Appurtenances on the well discharge piping include a pressure relief valve, a raw water sample tap, a water meter, and a pressure gauge. There is no treated water sample tap.



## Chlorination Unit for Well 1 (TP001)



Treatment for Well 1 consists of chlorination with sodium hypochlorite. The NSF-certified sodium hypochlorite is diluted and injected in the well's discharge piping with a ProMinent ConceptPlus positive displacement pump with a capacity of 0.26 gph.





**The well was drilled and cased to a depth of 756 feet in 2000. The static water level is 628 feet. The well is equipped with a 20-hp pump that produces approximately 70 gpm.**



**Well 2 (GW002)**

**Chlorination Unit  
for Well 2 (TP002)**





## Well 2 (GW002)

The wellhead is equipped with a properly vented sanitary seal well cap. Appurtenances on the well discharge piping include a raw water sample tap, pressure relief valve, pressure gauge, blowoff line, water meter, and a treated water sample tap.





## Chlorination Unit for Well 2 (TP002)



Treatment for Well 2 consists of chlorination with sodium hypochlorite. The NSF-certified sodium hypochlorite is diluted and injected in the well's discharge piping with a ProMinent ConceptPlus positive displacement pump with a capacity of 1.03 gph.

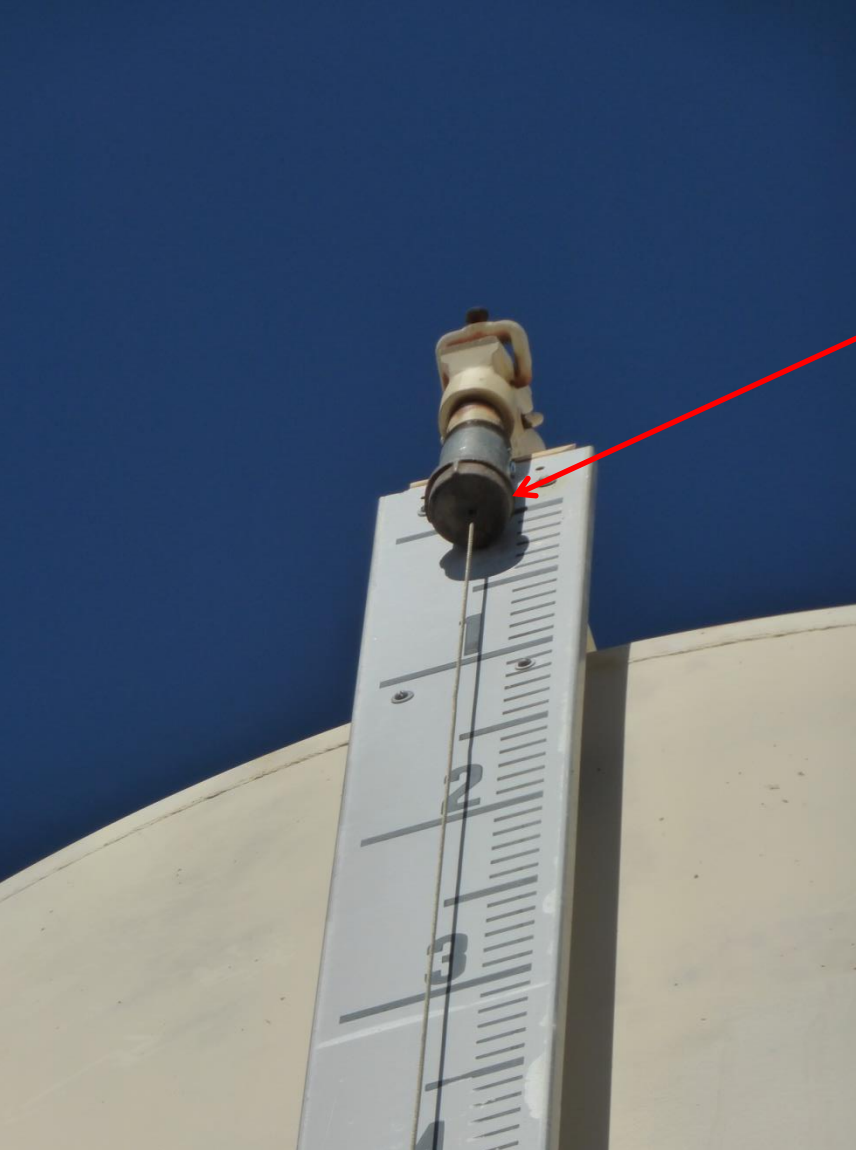






**A 20,000-gallon welded steel tank provides storage for the PWS. The tank is located within a locked fenced area approximately 2,300 feet northwest of the Well 1 location. The tank was constructed in 1985.**

**The conduit opening for the sight gauge cable is small and should prevent the entry of insects and other contaminants into the tank.**



**The outlet of the overflow line is screened and terminates at an adequate distance above the ground. A splash pad is provided.**





**Access hatch and  
vent opening.**



The vent screen appears torn at the top.

Storage Tank 1 (ST001)







**The access hatch fits with an overlap and is gasketed; however, the gasket had come unglued at one part of the riser and was no longer providing a seal. The surveyor was able to fit the gasket back in place and close the hatch, but the seal should be re-glued. The hatch is locked.**



**There is a thin layer of fine sediment on the bottom of the tank.**





**The tank ladder is equipped with a cage. The cage opening is not equipped with a locking access cover, but the ladder is equipped with a locking cover.**



**A pressure reading taken at a home in the community showed a pressure of approximately 30 pounds per square inch (psi).**

**A chlorine residual taken at the same location showed 0.33 mg/L.**

